

Magnetospheric and Ionospheric Currents, Electric Fields, Substorms and Magnetic Storms: Y. Kamide

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Professor Y. Kamide was a pioneer in the study of a broad range of magnetospheric and ionospheric space physics: magnetic storms, substorms, electric fields and currents being a few of the most prominent ones. In the early years of his research career, some of these topics were not viewed as “hard science”. That is until the topic of “space weather” came up after the 1989 magnetic storm and the Quebec power outage happened. But even then it was not fully embraced by space agencies. NASA did not fund space weather research for another ~10 years. I will briefly mention some of the current status of the topics that Kamide-sensei pioneered. Most topics are still not fully resolved..